Robert J Turesky

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

125 papers	6,238 citations	45 h-index	75 g-index
129 ext. papers	6,795 ext. citations	4.8 avg, IF	5.77 L-index

#	Paper	IF	Citations
125	The Cooked Meat Carcinogen 2-Amino-1-methyl-6-phenylimidazo[4,5-]pyridine Hair Dosimeter, DNA Adductomics Discovery, and Associations with Prostate Cancer Pathology Biomarkers.. *Chemical Research in Toxicology*, **2022**,	4	1
124	Additive Effects of Arsenic and Aristolochic Acid in Chemical Carcinogenesis of Upper Urinary Tract Urothelium. *Cancer Epidemiology Biomarkers and Prevention*, **2021**, 30, 317-325	4	0
123	Comprehensive Analysis of DNA Adducts Using Data-Independent wSIM/MS Acquisition and wSIM-City. *Analytical Chemistry*, **2021**, 93, 6491-6500	7.8	1
122	Cytotoxicity and genotoxicity of the carcinogen aristolochic acid I (AA-I) in human bladder RT4 cells. *Archives of Toxicology*, **2021**, 95, 2189-2199	5.8	0
121	Mutagenicity of 2-hydroxyamino-1-methyl-6-phenylimidazo[4,5-b]pyridine (N-OH-PhIP) in human TP53 knock-in (Hupki) mouse embryo fibroblasts. *Food and Chemical Toxicology*, **2021**, 147, 111855	4.7	3
120	Risk of two common glandular cell-type cancers (breast and colorectal cancers) in Chinese occupational chefs: a nationwide ecological study in Taiwan. *International Archives of Occupational and Environmental Health*, **2021**, 94, 1363-1373	3.2	
119	Metabolism and biomarkers of heterocyclic aromatic amines in humans. *Genes and Environment*, **2021**, 43, 29	2.8	6
118	Applying Tobacco, Environmental, and Dietary-Related Biomarkers to Understand Cancer Etiology and Evaluate Prevention Strategies. *Cancer Epidemiology Biomarkers and Prevention*, **2020**, 29, 1904-1919	4	2
117	Kinetics of DNA Adducts and Abasic Site Formation in Tissues of Mice Treated with a Nitrogen Mustard. *Chemical Research in Toxicology*, **2020**, 33, 988-998	4	2
116	Development of a DNA Adductome Mass Spectral Database. *Chemical Research in Toxicology*, **2020**, 33, 852-854	4	5
115	Mass Spectrometric Quantitation of Apurinic/Apyrimidinic Sites in Tissue DNA of Rats Exposed to Tobacco-Specific Nitrosamines and in Lung and Leukocyte DNA of Cigarette Smokers and Nonsmokers. *Chemical Research in Toxicology*, **2020**, 33, 2475-2486	4	3
114	DNA adducts: Formation, biological effects, and new biospecimens for mass spectrometric measurements in humans. *Mass Spectrometry Reviews*, **2020**, 39, 55-82	11	27
113	Neuromelanin Modulates Heterocyclic Aromatic Amine-Induced Dopaminergic Neurotoxicity. *Toxicological Sciences*, **2020**, 173, 171-188	4.4	8
112	Methods and Challenges for Computational Data Analysis for DNA Adductomics. *Chemical Research in Toxicology*, **2019**, 32, 2156-2168	4	7
111	Bioactivation of the tobacco carcinogens 4-aminobiphenyl (4-ABP) and 2-amino-9H-pyrido[2,3-b]indole (AC) in human bladder RT4 cells. *Archives of Toxicology*, **2019**, 93, 1893-1902	5.8	5
110	Emerging Technologies in Mass Spectrometry-Based DNA Adductomics. *High-Throughput*, **2019**, 8,	4.3	17
109	Quantitation of Apurinic/Apyrimidinic Sites in Isolated DNA and in Mammalian Tissue with a Reduced Level of Artifacts. *Analytical Chemistry*, **2019**, 91, 7403-7410	7.8	19

108	Heterocyclic Aromatic Amines: An Update on the Science **2019**, 550-558		
107	Quantitation of Lipid Peroxidation Product DNA Adducts in Human Prostate by Tandem Mass Spectrometry: A Method That Mitigates Artifacts. *Chemical Research in Toxicology*, **2019**, 32, 1850-1862	4	7
106	Dietary Carcinogens and DNA Adducts in Prostate Cancer. *Advances in Experimental Medicine and Biology*, **2019**, 1210, 29-55	3.6	5
105	Metabolic Activation of the Cooked Meat Carcinogen 2-Amino-1-Methyl-6-Phenylimidazo[4,5-b]Pyridine in Human Prostate. *Toxicological Sciences*, **2018**, 163, 543-556	4.4	18
104	Formalin-Fixed Paraffin-Embedded Tissues-An Untapped Biospecimen for Biomonitoring DNA Adducts by Mass Spectrometry. *Toxics*, **2018**, 6,	4.7	4
103	Method for Biomonitoring DNA Adducts in Exfoliated Urinary Cells by Mass Spectrometry. *Analytical Chemistry*, **2018**, 90, 9943-9950	7.8	5
102	Mechanistic Evidence for Red Meat and Processed Meat Intake and Cancer Risk: A Follow-up on the International Agency for Research on Cancer Evaluation of 2015. *Chimia*, **2018**, 72, 718-724	1.3	27
101	Biomonitoring an albumin adduct of the cooked meat carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine in humans. *Carcinogenesis*, **2018**, 39, 1455-1462	4.6	10
100	Targeted and Untargeted Detection of DNA Adducts of Aromatic Amine Carcinogens in Human Bladder by Ultra-Performance Liquid Chromatography-High-Resolution Mass Spectrometry. *Chemical Research in Toxicology*, **2018**, 31, 1382-1397	4	24
99	Quantification of Hemoglobin and White Blood Cell DNA Adducts of the Tobacco Carcinogens 2-Amino-9H-pyrido[2,3-b]indole and 4-Aminobiphenyl Formed in Humans by Nanoflow Liquid Chromatography/Ion Trap Multistage Mass Spectrometry. *Chemical Research in Toxicology*, **2017**,	4	13
98	Mass Spectrometric Characterization of an Acid-Labile Adduct Formed with 2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine and Albumin in Humans. *Chemical Research in Toxicology*, **2017**, 30, 705-714	4	12
97	Biomonitoring Human Albumin Adducts: The Past, the Present, and the Future. *Chemical Research in Toxicology*, **2017**, 30, 332-366	4	63
96	Metabolism of the Tobacco Carcinogen 2-Amino-9H-pyrido[2,3-b]indole (AαC) in Primary Human Hepatocytes. *Chemical Research in Toxicology*, **2017**, 30, 657-668	4	9
95	Data-Independent Mass Spectrometry Approach for Screening and Identification of DNA Adducts. *Analytical Chemistry*, **2017**, 89, 11728-11736	7.8	29
94	A Rapid Throughput Method To Extract DNA from Formalin-Fixed Paraffin-Embedded Tissues for Biomonitoring Carcinogenic DNA Adducts. *Chemical Research in Toxicology*, **2017**, 30, 2130-2139	4	14
93	Aristolochic Acid in the Etiology of Renal Cell Carcinoma. *Cancer Epidemiology Biomarkers and Prevention*, **2016**, 25, 1600-1608	4	46
92	Biomonitoring DNA Adducts of Cooked Meat Carcinogens in Human Prostate by Nano Liquid Chromatography-High Resolution Tandem Mass Spectrometry: Identification of 2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine DNA Adduct. *Analytical Chemistry*, **2016**, 88, 12508-12515	7.8	48
91	Human T lymphocytes bioactivate heterocyclic aromatic amines by forming DNA adducts. *Environmental and Molecular Mutagenesis*, **2016**, 57, 656-667	3.2	10

90	Dose validation of PhIP hair level as a biomarker of heterocyclic aromatic amines exposure: a feeding study. *Carcinogenesis*, **2016**, 37, 685-691	4.6	18
89	Methemoglobin Formation and Characterization of Hemoglobin Adducts of Carcinogenic Aromatic Amines and Heterocyclic Aromatic Amines. *Chemical Research in Toxicology*, **2016**, 29, 255-69	4	29
88	Aristolochic acid exposure in Romania and implications for renal cell carcinoma. *British Journal of Cancer*, **2016**, 114, 76-80	8.7	30
87	Comparative DNA adduct formation and induction of colonic aberrant crypt foci in mice exposed to 2-amino-9H-pyrido[2,3-b]indole, 2-amino-3,4-dimethylimidazo[4,5-f]quinoline, and azoxymethane. *Environmental and Molecular Mutagenesis*, **2016**, 57, 125-36	3.2	19
86	Multiclass Carcinogenic DNA Adduct Quantification in Formalin-Fixed Paraffin-Embedded Tissues by Ultraperformance Liquid Chromatography-Tandem Mass Spectrometry. *Analytical Chemistry*, **2016**, 88, 4780-7	7.8	27
85	Bioactivation of Heterocyclic Aromatic Amines by UDP Glucuronosyltransferases. *Chemical Research in Toxicology*, **2016**, 29, 879-91	4	21
84	Novel Transgenic Mouse Model for Studying Human Serum Albumin as a Biomarker of Carcinogenic Exposure. *Chemical Research in Toxicology*, **2016**, 29, 797-809	4	13
83	Human Biomonitoring of DNA Adducts by Ion Trap Multistage Mass Spectrometry. *Current Protocols in Nucleic Acid Chemistry*, **2016**, 66, 7.24.1-7.24.25	0.5	12
82	Simultaneous detection of multiple DNA adducts in human lung samples by isotope-dilution UPLC-MS/MS. *Analytical Chemistry*, **2015**, 87, 641-8	7.8	49
81	Caffeine Cytochrome P450 1A2 Metabolic Phenotype Does Not Predict the Metabolism of Heterocyclic Aromatic Amines in Humans. *Chemical Research in Toxicology*, **2015**, 28, 1603-15	4	7
80	Method to Biomonitor the Cooked Meat Carcinogen 2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine in Dyed Hair by Ultra-Performance Liquid Chromatography-Orbitrap High Resolution Multistage Mass Spectrometry. *Analytical Chemistry*, **2015**, 87, 5872-7	7.8	10
79	New Approaches for Biomonitoring Exposure to the Human Carcinogen Aristolochic Acid. *Toxicology Research*, **2015**, 4, 763-776	2.6	18
78	Mass Spectrometric Characterization of Human Serum Albumin Adducts Formed with N-Oxidized Metabolites of 2-Amino-1-methylphenylimidazo[4,5-b]pyridine in Human Plasma and Hepatocytes. *Chemical Research in Toxicology*, **2015**, 28, 1045-59	4	21
77	Characterization of nitrogen mustard formamidopyrimidine adduct formation of bis(2-chloroethyl)ethylamine with calf thymus DNA and a human mammary cancer cell line. *Chemical Research in Toxicology*, **2015**, 28, 1850-60	4	16
76	Effect of Cytochrome P450 Reductase Deficiency on 2-Amino-9H-pyrido[2,3-b]indole Metabolism and DNA Adduct Formation in Liver and Extrahepatic Tissues of Mice. *Chemical Research in Toxicology*, **2015**, 28, 2400-10	4	17
75	2-Amino-9H-pyrido[2,3-b]indole (AÐ) Adducts and Thiol Oxidation of Serum Albumin as Potential Biomarkers of Tobacco Smoke. *Journal of Biological Chemistry*, **2015**, 290, 16304-18	5.4	16
74	Measurement of the Heterocyclic Amines 2-Amino-9H-pyrido[2,3-b]indole and 2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine in Urine: Effects of Cigarette Smoking. *Chemical Research in Toxicology*, **2015**, 28, 2390-9	4	16
73	Optimizing proteolytic digestion conditions for the analysis of serum albumin adducts of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine, a potential human carcinogen formed in cooked meat. *Journal of Proteomics*, **2014**, 103, 267-78	3.9	21

72	DNA adductomics. *Chemical Research in Toxicology*, **2014**, 27, 356-66	4	123
71	Formalin-fixed paraffin-embedded tissue as a source for quantitation of carcinogen DNA adducts: aristolochic acid as a prototype carcinogen. *Carcinogenesis*, **2014**, 35, 2055-61	4.6	20
70	Capturing labile sulfenamide and sulfinamide serum albumin adducts of carcinogenic arylamines by chemical oxidation. *Analytical Chemistry*, **2013**, 85, 1065-72	7.8	15
69	DNA adducts of the tobacco carcinogens 2-amino-9H-pyrido[2,3-b]indole and 4-aminobiphenyl are formed at environmental exposure levels and persist in human hepatocytes. *Chemical Research in Toxicology*, **2013**, 26, 1367-77	4	20
68	Human formalin-fixed paraffin-embedded tissues: an untapped specimen for biomonitoring of carcinogen DNA adducts by mass spectrometry. *Analytical Chemistry*, **2013**, 85, 4251-8	7.8	37
67	Mutational signature of aristolochic acid exposure as revealed by whole-exome sequencing. *Science Translational Medicine*, **2013**, 5, 197ra102	17.5	178
66	DNA adduct formation of 2-amino-9H-pyrido[2,3-b]indole and 2-amino-3,4-dimethylimidazo[4,5-f]quinoline in mouse liver and extrahepatic tissues during a subchronic feeding study. *Toxicological Sciences*, **2013**, 133, 248-58	4.4	14
65	Biomonitoring the cooked meat carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine in hair: impact of exposure, hair pigmentation, and cytochrome P450 1A2 phenotype. *Cancer Epidemiology Biomarkers and Prevention*, **2013**, 22, 356-64	4	22
64	Cytochrome P450-mediated metabolism and DNA binding of 2-amino-1,7-dimethylimidazo[4,5-g]quinoxaline and its carcinogenic isomer 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline in mice. *Chemical Research in Toxicology*, **2012**, 25, 410-21	4	4
63	Biomonitoring the cooked meat carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine in canine fur. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 9371-5	5.7	11
62	Biomonitoring of aristolactam-DNA adducts in human tissues using ultra-performance liquid chromatography/ion-trap mass spectrometry. *Chemical Research in Toxicology*, **2012**, 25, 1119-31	4	72
61	Mapping serum albumin adducts of the food-borne carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine by data-dependent tandem mass spectrometry. *Chemical Research in Toxicology*, **2012**, 25, 2179-93	4	18
60	Aristolactam-DNA adducts are a biomarker of environmental exposure to aristolochic acid. *Kidney International*, **2012**, 81, 559-67	9.9	135
59	UDP-glucuronosyltransferase-mediated metabolic activation of the tobacco carcinogen 2-amino-9H-pyrido[2,3-b]indole. *Journal of Biological Chemistry*, **2012**, 287, 14960-72	5.4	19
58	Aristolochic acid-associated urothelial cancer in Taiwan. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 8241-6	11.5	280
57	DNA adducts of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine and 4-aminobiphenyl are infrequently detected in human mammary tissue by liquid chromatography/tandem mass spectrometry. *Carcinogenesis*, **2012**, 33, 124-30	4.6	38
56	Metabolism and biomarkers of heterocyclic aromatic amines in molecular epidemiology studies: lessons learned from aromatic amines. *Chemical Research in Toxicology*, **2011**, 24, 1169-214	4	209
55	DNA adduct formation of 4-aminobiphenyl and heterocyclic aromatic amines in human hepatocytes. *Chemical Research in Toxicology*, **2011**, 24, 913-25	4	59

54	Mass spectrometric characterization of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine N-oxidized metabolites bound at Cys34 of human serum albumin. *Chemical Research in Toxicology*, **2011**, 24, 2004-17	4	21
53	Ultraperformance liquid chromatography-tandem mass spectrometry method for biomonitoring cooked meat carcinogens and their metabolites in human urine. *Analytical Chemistry*, **2011**, 83, 1093-101	7.8	19
52	Identification of carcinogen DNA adducts in human saliva by linear quadrupole ion trap/multistage tandem mass spectrometry. *Chemical Research in Toxicology*, **2010**, 23, 1234-44	4	61
51	Formation of deoxyguanosine cross-links from calf thymus DNA treated with acrolein and 4-hydroxy-2-nonenal. *Chemical Research in Toxicology*, **2010**, 23, 1701-13	4	29
50	A comprehensive approach to the profiling of the cooked meat carcinogens 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline, 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine, and their metabolites in human urine. *Chemical Research in Toxicology*, **2010**, 23, 788-801	4	22
49	Biomonitoring of carcinogenic heterocyclic aromatic amines in hair: a validation study. *Chemical Research in Toxicology*, **2009**, 22, 1454-63	4	35
48	Biomonitoring of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) and its carcinogenic metabolites in urine. *Chemical Research in Toxicology*, **2009**, 22, 1096-105	4	19
47	The impact of NAT2 acetylator genotype on mutagenesis and DNA adducts from 2-amino-9H-pyrido[2,3-b]indole. *Chemical Research in Toxicology*, **2009**, 22, 726-33	4	20
46	Screening for DNA adducts by data-dependent constant neutral loss-triple stage mass spectrometry with a linear quadrupole ion trap mass spectrometer. *Analytical Chemistry*, **2009**, 81, 809-19	7.8	71
45	Quantitation of 13 heterocyclic aromatic amines in cooked beef, pork, and chicken by liquid chromatography-electrospray ionization/tandem mass spectrometry. *Journal of Agricultural and Food Chemistry*, **2008**, 56, 68-78	5.7	82
44	Novel LC-ESI/MS/MS(n) method for the characterization and quantification of 2-deoxyguanosine adducts of the dietary carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine by 2-D linear quadrupole ion trap mass spectrometry. *Chemical Research in Toxicology*, **2007**, 20, 263-76	4	75
43	Formation and biochemistry of carcinogenic heterocyclic aromatic amines in cooked meats. *Toxicology Letters*, **2007**, 168, 219-27	4.4	136
42	Aristolochic acid and the etiology of endemic (Balkan) nephropathy. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 12129-34	11.5	447
41	Tobacco smoking and urinary levels of 2-amino-9H-pyrido[2,3-b]indole in men of Shanghai, China. *Cancer Epidemiology Biomarkers and Prevention*, **2007**, 16, 1554-60	4	24
40	Identification of 2-amino-1,7-dimethylimidazo[4,5-g]quinoxaline: an abundant mutagenic heterocyclic aromatic amine formed in cooked beef. *Chemical Research in Toxicology*, **2007**, 20, 520-30	4	33
39	Determination of apurinic/apyrimidinic lesions in DNA with high-performance liquid chromatography and tandem mass spectrometry. *Chemical Research in Toxicology*, **2006**, 19, 300-9	4	36
38	Formation of a mutagenic heterocyclic aromatic amine from creatinine in urine of meat eaters and vegetarians. *Chemical Research in Toxicology*, **2005**, 18, 579-90	4	17
37	Quantitation of carcinogenic heterocyclic aromatic amines and detection of novel heterocyclic aromatic amines in cooked meats and grill scrapings by HPLC/ESI-MS. *Journal of Agricultural and Food Chemistry*, **2005**, 53, 3248-58	5.7	75

36	Interspecies metabolism of heterocyclic aromatic amines and the uncertainties in extrapolation of animal toxicity data for human risk assessment. *Molecular Nutrition and Food Research*, **2005**, 49, 101-17	5.9	40
35	Formation and analysis of heterocyclic aromatic amine-DNA adducts in vitro and in vivo. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2004**, 802, 155-66	3.2	81
34	Rapid biomonitoring of heterocyclic aromatic amines in human urine by tandem solvent solid phase extraction liquid chromatography electrospray ionization mass spectrometry. *Chemical Research in Toxicology*, **2004**, 17, 1121-36	4	46
33	The effects of coffee on enzymes involved in metabolism of the dietary carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine in rats. *Chemico-Biological Interactions*, **2003**, 145, 251-65	5	30
32	Identification of aminobiphenyl derivatives in commercial hair dyes. *Chemical Research in Toxicology* , **2003**, 16, 1162-73	4	117
31	Metabolism of heterocyclic aromatic amines by human hepatocytes and cytochrome P4501A2. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2002**, 506-507, 187-95	3.3	64
30	Differential metabolism of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine in rat and human hepatocytes. *Carcinogenesis*, **2002**, 23, 115-22	4.6	52
29	Analysis and quantification of DNA adducts of 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline in liver of rats by liquid chromatography/electrospray tandem mass spectrometry. *Chemical Research in Toxicology*, **2002**, 15, 551-61	4	43
28	Heterocyclic aromatic amine metabolism, DNA adduct formation, mutagenesis, and carcinogenesis. *Drug Metabolism Reviews*, **2002**, 34, 625-50	7	108
27	Oxidative damage and stress response from ochratoxin a exposure in rats. *Free Radical Biology and Medicine*, **2001**, 30, 1089-98	7.8	133
26	Metabolism of 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline in human hepatocytes: 2-amino-3-methylimidazo[4,5-f]quinoxaline-8-carboxylic acid is a major detoxification pathway catalyzed by cytochrome P450 1A2. *Chemical Research in Toxicology*, **2001**, 14, 211-21	4	61
25	Regioselective differences in C(8)- and N-oxidation of 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline by human and rat liver microsomes and cytochromes P450 1A2. *Chemical Research in Toxicology*, **2001**, 14, 901-11	4	35
24	Quantitative determination of polycyclic aromatic hydrocarbons in barbecued meat sausages by gas chromatography coupled to mass spectrometry. *Journal of Agricultural and Food Chemistry*, **2000**, 48, 1160-6	5.7	134
23	Inter-individual differences in the metabolism of environmental toxicants: cytochrome P450 1A2 as a prototype. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **1999**, 428, 115-24	3.3	49
22	Macromolecular adduct formation and metabolism of heterocyclic amines in humans and rodents at low doses. *Cancer Letters*, **1999**, 143, 149-55	9.9	78
21	Interspecies differences in metabolism of heterocyclic aromatic amines by rat and human P450 1A2. *Cancer Letters*, **1999**, 143, 109-12	9.9	47
20	Determination of in vitro- and in vivo-formed DNA adducts of 2-amino-3-methylimidazo[4,5-f]quinoline by capillary liquid chromatography/microelectrospray mass spectrometry. *Chemical Research in Toxicology*, **1999**, 12, 1019-27	4	49
19	Activation of heterocyclic aromatic amines by rat and human liver microsomes and by purified rat and human cytochrome P450 1A2. *Chemical Research in Toxicology*, **1998**, 11, 925-36	4	166

18	Metabolism of the food-borne mutagen 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline in humans. *Chemical Research in Toxicology*, **1998**, 11, 217-25	4	64
17	Metabolism of food-derived heterocyclic amines in nonhuman primates. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **1997**, 376, 203-10	3.3	46
16	Formation and persistence of DNA adducts of 2-amino-3-methylimidazo[4,5-f]quinoline in the rat and nonhuman primates. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **1997**, 376, 235-41	3.3	24
15	Formation and differential removal of C-8 and N2-guanine adducts of the food carcinogen 2-amino-3-methylimidazo[4,5-f]quinoline in the liver, kidney, and colorectum of the rat. *Chemical Research in Toxicology*, **1996**, 9, 397-402	4	29
14	Mutational and DNA binding specificity of the carcinogen 2-amino-3, 8-dimethylimidazo[4,5-f]quinoxaline. *Journal of Biological Chemistry*, **1996**, 271, 18368-74	5.4	25
13	Determination of in vitro formed DNA adducts of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine using capillary liquid chromatography/electrospray ionization/tandem mass spectrometry. *Chemical Research in Toxicology*, **1995**, 8, 1005-13	4	68
12	Determination of 8-oxoguanine in DNA by gas chromatography--mass spectrometry and HPLC--electrochemical detection: overestimation of the background level of the oxidized base by the gas chromatography--mass spectrometry assay. *Chemical Research in Toxicology*, **1995**, 8, 1039-45	4	196
11	Glucuronidation of N-hydroxy heterocyclic amines by human and rat liver microsomes. *Carcinogenesis*, **1994**, 15, 1695-701	4.6	79
10	DNA adduct formation of the food carcinogen 2-amino-3-methylimidazo[4,5- f]quinoline at the C-8 and N2 atoms of guanine. *Chemical Research in Toxicology*, **1994**, 7, 752-61	4	52
9	Heterocyclic aromatic amine formation in grilled bacon, beef and fish and in grill scrapings. *Carcinogenesis*, **1993**, 14, 2313-8	4.6	174
8	Characterization of DNA adducts formed in vitro by reaction of N-hydroxy-2-amino-3-methylimidazo[4,5-f]quinoline and N-hydroxy-2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline at the C-8 and N2 atoms of guanine. *Chemical Research in Toxicology*, **1992**, 5, 479-90	4	140
7	Metabolism of the food mutagen 2-amino-3-methylimidazo[4,5-f]quinoline in nonhuman primates undergoing carcinogen bioassay. *Chemical Research in Toxicology*, **1992**, 5, 843-51	4	24
6	Identification of N-(Deoxyguanosin-8-yl)-2-amino-1-methyl-6-phenylimidazo [4,5-b]pyridine as the major adduct formed by the food-borne carcinogen, 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine, with DNA. *Chemical Research in Toxicology*, **1992**, 5, 691-7	4	165
5	Metabolic activation of carcinogenic heterocyclic aromatic amines by human liver and colon. *Carcinogenesis*, **1991**, 12, 1839-45	4.6	320
4	Structure of the single stable hemoglobin adduct formed by 4-aminobiphenyl in vivo. *Chemical Research in Toxicology*, **1988**, 1, 22-4	4	59
3	Binding of 2-amino-3-methylimidazo[4,5-f]quinoline to hemoglobin and albumin in vivo in the rat. Identification of an adduct suitable for dosimetry. *Carcinogenesis*, **1987**, 8, 1537-42	4.6	64
2	Sulfamate formation is a major route for detoxification of 2-amino-3-methylimidazo[4,5-f]quinoline in the rat. *Carcinogenesis*, **1986**, 7, 1483-5	4.6	55
1	Aromatic Amines and Heterocyclic Aromatic Amines: From Tobacco Smoke to Food Mutagens157-183		8